

Title (en)
EFFICIENT ROUNDING FOR DEBLOCKING

Title (de)
EFFIZIENTE RUNDUNG ZUM DEBLOCKIEREN

Title (fr)
ARRONDISSEMENT EFFICACE DE DÉBLOCAGE

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Abstract (en)
[origin: EP3654647A1] The present invention relates to deblocking filtering which is applicable to smoothing the block boundaries in an image or video coding and decoding. In particular, the deblocking filtering is either strong or weak, wherein the clipping is performed differently in strong filtering and the weak filtering.

IPC 8 full level
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BROSS (FRAUNHOFER) B ET AL: "WD4: Working Draft 4 of High-Efficiency Video Coding", no. JCTVC-F803, 28 October 2011 (2011-10-28), XP030229353, Retrieved from the Internet <URL:http://phenix.int-evry.fr/jct/doc_end_user/documents/6_Torino/wg11/JCTVC-F803-v7.zip JCTVC-F803_d5.doc> [retrieved on 20111028]

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